of Diabetes

Bung subjected to the influence of Thou laws and customs relative to gra-- dualion in this institution, which require that way candidate for a deploma should write a diputation previous to his exame. nation, I have with considerable difficience undulation one, which nothing but my pe entrar retreation would have induced me to to at this time. For popelsed of fills on no infusione of my own, I am constrained to follow the footsteps of others, which are often times incorrect and for the mostpart ques - tronable. They situated all claim to one; ginatity must necessariles be relinquished, and so far from aiming at it, I have nothesitated occasionally, when I have found it sufficiently clear and familiae for my purpose to use the language of others.



It was my intersection to have written and the foremental express had prefer endjects they me to alreade the idea and there are pear tiese outsect. I have accordingly exceeded it, where a desire of the many there has her outselves to much theory and openitation and the theory and openitation and the three remains trustees in considerable through the properties.

This divery whech bullers place is the claps removed proposed welfeld your supposed welfeld which is not beautiful out of scaled onthe two where the wint is need and passent, too where the week leapers were and scaled makes by good there a man appetus with lappace were appetus with an apparent affect in the people of chylipselder was an apparent affect in the people of chylipselder, was civil and a dimension of the according to the people of chylipselder, was civil and



whole body, great debility, dry skin, a paroked mouth, with constant spilling of a thick visit phleam of a owntish taste, continues, the pure commonly frequent, an observe from hong for the most part present, and a prequent indingy win containing a quantity of anceharine matter / which last is the most spential cha - ander of the design the wine discharged generally for exceeding the quantity of fluid in rometimes aliment introduced, bein buy clear and at first right appears intuctes without any colour, but newed in a contain light, it granally appears to be slightly tinged with a yellowish green; and this repeat it has hen very properly compared to a salution of honey in a large propor how of water "

As the sinese often arise to a invidente deque, and subserts long without tring accompanie with wider describe in any partie. He

of the for

increased discharge of wine being generally athibu . Ted by the patient to the quantity of deink he has taken; there is some deffecult, in ascertain ing the first and earliest sympoms of the dis can, or that state of it, at which the mouthup and increase of the wine takes place spor The saccharing taste of the wire is prequests - by only discovered by accedent. D' dolla think there is search a doubt fut that an offection of the stomach exists previous to the formation of saccharen matter and mentions cases when the canin appetite preceded, several months, the in - cream of the wines he thinks however the histor . y of the previous weamstancy, and of the im mediates commencement, still regumes further elecidation -

Mange or constitution reason to be carryted from the discar, it rever in all eligies of profits though protes by man generally in the higher and cridities Na. 

orders, and thou whose constitutions have him that tored by intemperana. Males are sawts be more hable to it than females: although probably this may not be the case , for its apparently more fre quest occuraence in male, may I imagine cather be attributed to the extreme delicacy of the female are concealing their returation when under The influence of the disease. Than to any premiercely of thein constitutions exempting them from it. It is probe ble that an hereditary pridiposition may exist as to the con plaints for cases are recorded where sweak members of the sam family have been affected with it. He progues of the disease appears to be much ingluenced by the various papions of the mind. such as garifage fear X" as they always aggravol the symp Torns.

When Deately has been of long continuous, although the patient may be appeared to mind you frequently it leaves when a long affect

tions. Dipections have shown mothers affer trong of the mesenteric glands and hidneys, and the structure of the stomach, panous, splan hier and lungs is rometimes altred-It appears to be now proths generally concerded that Deabeter wine contains a considerable quantity of sacchain matter, which appears to be exactly of the same nation is common sugar. D'bullen thinks that he has mot with one case when the wine was perfectly enseled, he seems to war - seder such instances very nane, and believes Heat the other is almost the uneverse occurrences. The D'willis discound the westrup of the wine play-. serious have all more or less observed it. The unmediate course of Deatety Williams has always been considered obscure, and various the or is have been a downed on the occasion. I shall only observe a few of them; and then proceed to men - tion the one which appears to me most places bles.



The mortio condition, in which the kidney an rometime found on depection, has in dired the majority of physician to conneder Stateto as depending on a primary after Two of those organs, and that it is by virtue of their privated or doringed action that the saccharing principle in the wine is produced. This martia statis & preserver mais be seconda in, and referable to that law of the animal eis now, termed, sympathy by which their action is increased seconding to the exegences of the 1910 in and being high up for any bright of time, must neceptails produce mon or lif disease by the continue stem whis it imparts. They have no agoney I vilicon in the formation of the sugar incident to Dealitie in the but more as mive to access it alleady for med in the mismach, and to throw it out of the system-Asson who favour the idea of the primary existing

of the the sent the way he was

in the hedways have endeavours in show they by a received my firm of you received promisely a received promise in the second of their interest of the second of the second

The facility and rape dis with which fleeds con Taining different principles, are conviged to the heaneys, whilst the quality of the wine disthanged is no differents has occarren w some to regard thon organs as officating, rather Than recretion; and consequently they con: sedu the win not aproduced but an education of the blood. admillers however this remelacety between the action of the mamone and ridneys at beast so for that each secrete a sauchanine peincepal, yet it has been domon thated by chemical investigation, that there is an your teal difference between the gugar of milk and the saccharine matter in Diabetic win,



Two draws of the sugar of mills were depolored by Bruch thank , in 12 draws of nihic and, dile - Led with Is of water this was carefully waponated, and put to cool; which being done, a my stallized mapfarmed mead with a culair while powder The precipitate weighed about 58 grains tin draws of boiling water were added The crystals of oralic acid were depoloced, and the white powder remained unchanged. This was separated by fillration, and weighed about 10 grains; and be, further enfrerement. was found to popul all the peculiar properties of sacholatic acid.

Two draws of the wheat of Dicholic window had at the some time in a semilar way way, the for mad but no white persons affection. The very tall window appeared. The very tall window, sife to a seche whole, differed in bothers water. The seche lastic and was presented in the appeared

M 40% h which was repeated several times on the extract of wine from different Deatedie patients: It would seem from these experiments of le Bruchshank, that the epintial dypnone to - town the ownt or to active matter of Diabetic wiring, and sugar of melleston sists in they for - me not son taines the basis of saccholartic and . Humb also appear from hence that the sugar of wills was produced by a proup of animalizate on, whereas the carcharac principle of Diabeter usin should be regended, as a vegilable entract. combined with a greater or top proportion of ammal muchage, resembling very much home, which is not a product of animalization but of vegetables.

a cutain state of the bile has her suprosed to produce this discare.

It is probable that it has sometimes occurred in hereons who were at the same time appendicult.

y0 -5% he disease of the time. But I apprehend that this was not frequently be the case for 30 solten observed that he transposed before which he has our of sease. the there was no underst affection of the liver in any one of them.

I Withen profess of medicin in the moving of gottengen supposes Diatets to be commented to a formation of a framation of a framation of the formation actions on the hid ways from an increased secretion and sometimes for a time of the constraint of the constraint of the constraint of the constraints.

It is then that installin may construct even in -on an increase in the dichary of mon, but hoost year the surgular change which take place in its composition, I emagine can not exactly be recounted for.

In Hypotheric yet advanced second to prever in a satisfactory manner the primary scat of this directory that from the weight of evidence and an attention coardenation of all the ci-

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comodones allending it I am in duced to believe that it is allegathen a decan of the Heavel and law best is the species, in the first pleasuper its often allending ether diseases of hed or car, such as byttered, he proceedings and dysphonia in the accordance from the species and as a special and in the species as affected in the species affected at the species affected as a special and continues as the strength at the species of a species, and individual or other cauper the effect of which, amperiments are tead or the other and.

It has in his lecture in Diately, sear life the deep last venter, wherear he appeared him he were he office the control has granted a fine and that the search argument there was that the stands has been a control of the property as the property as the property as the property and of the decease of the decease, from the machines water is sen presented a resolvent from my water.

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withten taken in Scaleth Melliter he work to boys, appeared to account to the states of the stream of a scalety of the stream of a scalety of producing the carehaven percepts makes to the decease, on the scalety of office to the decease, of the decease, scalety of the sc

In health, an imported of the select chycles is prefaced, and applied to the selection proplet as of the ancient account of the selection had a continued to the me expension and a selection had a continued to the proplet changes, between the selection account to the selection of the selection o

out by the hidney, as an extramous and there wow matter with

The skewaters and means in the secretion of the gastice fluid, appear to be the necessary consequences of the makes as tion of the stomach. The great quartities of clock matter justed by someting in the die com together with the nature and expeditly of ligition, supports the opinion of such au toman in the gastier fluids.

to the formalise of occasion mater is the superaction of the present in the quantities of which present in the quantities of which the present is of the present the superaction of the superaction. It was any form that independent by of the acceptance mater as loss as the measure of the Memore common, a perfect which appearant of the distinguish of the Memore with continued to be distinguished to the agreement deriver from

10 6%

Ha disease itself, we have the observation of many praderious of the righest eminenes. which very satisfactories prove that the flood of Diabetic policents, contains migan in its conposition - we learn show the caperiments of 5. Dotron that he detected sug a in the Hood of persons labouring under Diabeles. he a case of Diately which fell under the observa - tion of the late people Barton. his patientdisharged daile large quantities of saccha . who matter in his wine. In having him the and tasting the suum of the blook, the presence of rugar was distinctly exhibited.

and with the same result;
Fire the frite above related & imagine law warranted in the conclusion that the thousand is the primary seat of the diesen; of plantage after order thanks in the natural. However

The expression was repeated secret times.

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No

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of digestion and afrimilation in that times The food is hereby rendered unfir for the for - pour of nutrellion, and when taken up by the lacteals, and conveyed to the 3 in - was concelation; it is rejected by the nutrient pours of the system, and elemena - Lea Mough the hidneys. The mortie or duanged action of then or gans is generated in the effect of nature, to fee the vascular system of that afflux of fluid which is constantly precing with it through the me - dium of the lactuals. I thruspow again repeat that the diseased appearance of the hidneys is entirely owing to ograpathy by it Their action is increased according to the en-- igences of the system; and being continued for any longth of time, will neuparely produce more or less disease by the continued stemulous which it imparts-



It is the opinion of we wallaston and some others that the racchains principle of Deale the wine formed in the stomach, is con-- viged immediately from there to the mina ry system, without exteriors the general in-- culation. The above gentlemen was hed to that opinion from not hery all to detect sugar in District blood to confirm which he, in con-. naction with M. Marcet-performed a number of experiments on the Brug Botals the question was whether it could be detected in the blood or the secretions, when taken internally. after experimenting serial limes with the article about mentioned, they concluded that it was not absorbed or taken up into the general lis - culation, but carried by som unknown up. - sels from the stomach to the hidases. For my own part I am enterely doutted what on - nion to form respecting this immediate connection

Pr. the ay. - 60 refi m them. The stronger and hidneys to specially securing that the bless produced and attenting the Original Profession of the bless produced and confirmed to the action a source. The appropriate profession to the action a source of the source thereone there we are surprised and common throught are and have never yet from discoursely all against their people ties are yentially distinct and their properties are yentially distinct and that their properties are yentially distinct and that their properties are yentially distinct and that the only have the first or only have their office of the

If ne muneral of he anderstood from how as my openion, that substance that indivision, waterly took the circulation unchange upo from it I believe as a general rule that all substances are as a semilated provious to their trans time up by the lactual.

system, ignorent of the nature of their agen

The care of Distrite Melitia is as not her. imperfectly undertroom. This appears to be



acknowledged unanimously. It bullen doubts whether it has were been suced, or if enced, whether It can be appeled to the remides taken. The hing most has been as various as the theories refreching The dijease itself. I two remedies according to the late De Barbon have acquired mon expertation Than alum in Geality. He mentioned a case which De wister uned by the use of that article. De Bay ton supposed that gales might be substituted with advantage for aliew. he had heard of on case and by the mit of silver, & Halle extention Thuball of a tome in this desease. Masong me advised the use of canthacides. Fures into high - & a combination of live Use, Back and opinions Stitus about the region of the hedry an said to be sometime associable. It section thought that he had used the Phosphale of roda as a pury with advantage. as the modes of healmont which have hether to bun

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pursued respecting this discon appear to have been pregnantly mysecture. I what brigh make mention of the plan recommended by De Rolle; which according to the new I have given of the persumate cause of Fratity appears to be best ados to to to, and which is said to have prequently pu formed were under the most unpromising curum stancy. Bonfine ment, an entire abothing - never from every species of vigetable mathe, a dist rolle of animal food, with emitic, hepa - tizes aumonia? and naciones, competina the pernufate plan of his healmost, which oum to auswer the two endications which he suppose to be To distray the saccharine morep going on in the stomach. 2% to promote a healthy apmilation, by the removae of the morning marcana action of that visuy.

This mother should be pursound in until the defear be enturely removed; which is executioned



by the removal of the general of intom, and the return of the wine to a natural con-- dition.





